

# Gas Purifiers

## SGT E-Line Super-Clean™ Filters



061P-2051



061P-2101



061P-2081



061P-2091



061P-2141



061P-2131



061P-2111



061P-2142



061P-2151



061P-2162



061P-1209



061P-1215

- Economical and Efficient
- Exchange filters in seconds, without introducing air into the system
- "Quick connect" fittings for easy, leak tight cartridge changes
- Diffusion-proof with glass and metal construction
- Pressure resistant up to 160psi and Max Flow 7L/min
- Estimated lifetime of more than 1 years

SGT E-Line Super-Clean™ filters are designed for all of GC gas lines to deliver 99.9999% pure gas. The system is tested for leak-tightness and the glass and metal construction of the cartridges eliminates diffusion of contaminants into the gas stream. Filters are available for oxygen, moisture and hydrocarbons. The Combi filter removes both moisture and hydrocarbons. The Triple filter removes moisture, hydrocarbons and oxygen and is available purged with Argon for standard applications or purged with Helium for MS applications. Estimated lifetime is typical more than one year.

Filter with a dimension of 14.5 x 3cm features a quick change baseplate/cartridge design. During cartridge replacement, check valves close off the system to the atmosphere, further minimizing the entry of contaminants. Cartridges can be exchanged within seconds, during analysis, and without tools.

Capacity				
Filters	Moisture	Oxygen	Hydrocarbon <sup>3</sup>	Indicator/Color change
Moisture	0.8g	-	-	Orange to clear
Hydrocarbon	-	-	2.3g	Orange to green
Oxygen	-	160mL	-	Green to gray
Fuel <sup>1</sup>	0.5g	-	1g	H <sub>2</sub> O : Orange to clear, HC: Orange to green
Triple <sup>2</sup>	0.17g	130mL	0.5g	H <sub>2</sub> O : Orange to clear,
Triple <sup>2</sup> , Helium packed	0.17g	130mL	0.5g	HC: Orange to green,
Triple <sup>2</sup> , Hydrogen packed	0.17g	130mL	0.5g	O <sub>2</sub> : Green to gray

<sup>1</sup>Moisture/Hydrocarbon, <sup>2</sup>Moisture/Hydrocarbon/Oxygen, <sup>3</sup>As n-butane

### Ordering Information

Description	QTY	Part No.
<b>E-Line Super-Clean™ Filter Kit with Baseplate, 1/8" Fitting</b>		
Moisture Kit	1	061P-2011
Hydrocarbon Kit	1	061P-2021
Oxygen Kit	1	061P-2031
Fuel Kit	1	061P-2041
Triple Kit	1	061P-2051
Triple, Helium packed Kit	1	061P-2061
Triple, Hydrogen packed Kit	1	061P-2071
<b>Replacement Filters</b>		
Moisture Filter	1	061P-2081
Hydrocarbon Filter	1	061P-2091
Oxygen Filter	1	061P-2101
Fuel Filter	1	061P-2111
Triple Filter	1	061P-2121
Triple, Helium packed Filter	1	061P-2131
Triple, Hydrogen packed Filter	1	061P-2141
<b>Replacement Parts</b>		
Base Plate, 1/8"	1	061P-2151
Flush cap for Base Plate	2	061P-2162
O-Ring for Base Plate	20	061P-1209
Connector, 1/8"	6	061P-1215